

Property & Topography by Map Grid Tile

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What's on the CD?

In an effort to map the county for the [Department of Tax Administration](#) a grid was established that divides the county into 444 numbered sections (a.k.a. tiles). These tiles are commonly called base maps, property maps or tax maps. Each requested tile contains over 30 layers of attributed vector map data of Fairfax County. The layers are listed in the table below. In addition to these layers, the CD includes two tables, address_intersect and site_address, that can be used for address geocoding when linked to parcels.

Address Grid (gridadd)		Political Jurisdiction Boundaries (pol)	
Agricultural and Forestal Districts (agfor)		Questionable Parcel Cuts (illegal)	
Airport Facilities (airport)		Railroads (railroad)	
Building Outlines (bldg)		Right of Way (row)	
Common Areas (common)		Sidewalks (sidewalk)	
Community Pools (commpool)		Special Tax Districts (spctax)	
Contours (contour)		Spot Elevations (spot)	
Easements (esmt)		Street Centerline Network (stcline)	
Flood Plains (flood)		Subdivisions (sbdv)	
Geodetic Control Points (control97)		Subdivision Blocks (block)	
Hydrography (hydro) <i>Coverage Name</i>	Hydrography lines (hydrol) <i>Shapefile Name</i>	Utility Facilities (utility) <i>Coverage Name</i>	Utility Facilities points (utilitypt) <i>Shapefile Name</i>
	Hydrography polygons (hyrdop) <i>Shapefile Name</i>		Utility Facilities lines (utilityl) <i>Shapefile Name</i>
Major Transportation (transmaj) <i>Edge of road pavement</i>		Wetland Areas (wetlandp)	
Minor Transportation (transmin) <i>Edge of parking lot pavement</i>		Wetland lines (wetlandl)	
Miscellaneous Property lines (pmiscline)		Zoning (zoning)	
Miscellaneous Property points (pmiscpt)		Zoning Case Applications (case)	
Parcel Boundaries (parcel)		Zoning Case Applications Prior to 2000 (zcasept)	
Planning Areas (plan)		Zoning Overlay Districts (odist)	

- The GIS & Mapping office updates property data daily. The property layers on the CD are current to **1/1/2005** and may include updates through the order date. Property layers have a positional accuracy of +/- 8-10 feet.
- Planimetric layers were automated from **1997** 6" resolution orthophotography and have a positional accuracy of +/- 2-3 feet.

- Contour layers were also automated from 1997 6" resolution orthophotography. Ninety percent of the contour lines are within 2.5 feet of the actual elevation. Ninety percent of the spot elevations are within 1.25 feet of the actual elevation.

The CDs also include a [Data Dictionary](#) and this readme file in PDF format.

Additional Fairfax County metadata can be found on the Internet at <http://www.fairfaxcounty.gov/gisapps/metadata/default.asp>.

How big are the files?

Each map grid tile is approximately 12 MB. The CD typically holds up to 50 tiles.

What's NOT on the CD?

- Department of Tax Administration property assessment information.
- Computerized versions of GIS and Mapping wall display maps
- Orthophotography
- Demographic data
- Annotation
- GIS data viewing software

How do I order?

- Complete the [GIS Data Order Form](#) and [License Agreement](#) from our web site @ <http://www.fairfaxcounty.gov/maps/forms.htm>.
- The order form can be downloaded, printed and mailed with payment to GIS/Mapping Services.
- Data can be requested by mail, fax, or in person, however, orders will not be processed until payment is received. Acceptable forms of payment include: Cash, Check, or Money Order.
- Once payment is received, the CD will be available within 2 business days.
- Any questions about what comes on the Data CD should be directed to GIS & Mapping Services at 703-324-2712.

How much does it cost?

There is a \$25.00 base charge per order plus an additional fee of \$13.00 per tax map grid tile.

What file formats are available for the data?

The data can be purchased in **Shapefile** format or **ESRI Personal Geodatabase** format. Data purchased in Shapefile format does not contain annotation.

How do I view the GIS data on the CD?

There is no viewing software on the CD. Free viewing software can be downloaded from the Internet by visiting <http://www.esri.com/software/arcexplorer/index.html>.

What datum are Fairfax County GIS layers stored in?

Data is Virginia State Plane North NAD 83
Units: Feet

Who do I contact for help using the data on the CD?

Questions about using the data with any ESRI GIS software may be addressed to the Technical Support Center @ 703-222-3535.